61

## Abstract

## Signalling System

An optical communications system is provided comprising first and second signalling devices in which a duplex communications link between the signalling devices can be established. The first signalling device includes a retro-reflector and the second signalling device includes at least one light source for directing light towards the retro-reflector. Half-duplex embodiments and full-duplex embodiments are described. A wave division multiplex retro-reflecting communication system is also described.